



GM010 - 1" Oval Gear Pulse Meter



The GM010 Meter is a 1-inch meter available in Aluminum, Bronze and 316 Stainless Steel body materials. Optional 150 lb. ANSI Flanges and Tri-Clover® Fittings are available on the GM010.

GM010 - SPECIFICATIONS

Fitting Type:	
Aluminum:	BSP or NPT (Female), 150 lb. ANSI Flange
Bronze:	BSP or NPT (Female)
Stainless Steel:	BSP or NPT (Female), 150 lb. ANSI Flange, or Tri-Clover® Fittings
Sensor Options:	Reed Switch / Hall Effect Sensor*
Rotor Materials:	PPS or High Viscosity PPS, 316 Stainless Steel or High Viscosity Stainless Steel
O-Ring:	Viton (Standard), Teflon® (Optional)
Output Options:	Pulse Out or Local 4-20 mA Transmitter
Display Options:	Standard LC Display or Local 4-20 mA with Standard Display
Flow Range:	1.6 - 32 GPM (6 - 120 LPM)
Flow Range @ < 5 cps:	2.6 - 26.4 GPM (10 - 100 LPM)
Accuracy:	± 0.5% of reading
Repeatability:	± 0.03%
Maximum Viscosity:	Standard Rotors: 1,000 cps High Viscosity Rotors: 1,000,000 cps
Pressure Rating:	800 PSI / 55 BAR or Flange Rule
Maximum Temperature:	
PPS Rotors:	176°F / 80°C
SS Rotors:	248°F / 120°C
Typical K-Factor:	
Single Pickup:	136.3 PPG / 36 PPL
Double Pickup:	272.6 PPG / 72 PPL
Wetted Mat'l. - Housing:	
Aluminum:	Aluminum
Bronze:	Bronze
Stainless Steel:	316 Stainless Steel
Wetted Mat'l. - Bearings:	PPS / Carbon
Wetted Mat'l. - Shaft:	316 Stainless Steel
Frequency Range:	3.6 - 72.7 Hz @ 1.6 - 332 GPM
Recommended Strainer Size:	60 mesh
Shipping Weight (approx.):	
Aluminum:	4.9 lbs. (2.2 kg) - Pulse 6.6 lbs. (2.9 kg) - 150 lb. ANSI Flange
Bronze:	12.7 lbs. (5.7 kg) - Pulse
Stainless Steel:	12.5 lbs. (5.7 kg) - Pulse 14.6 lbs. (6.6 kg) - 150 lb. ANSI Flange 10.8 lbs. (4.9 kg) - Tri-Clover® Fittings
Remote Display:	Option Available: Model GG500-10
Remote Transmitter:	Options Available: Model GA500 & GX500-10

ACCURACY: ± 0.5% OF READING

Select Your Body Material:

- Aluminum
- Bronze
- Stainless Steel



Features and Benefits:

- ✓ Extremely accurate even with viscous fluids.
- ✓ Handles particles sizes to 0.011"/0.28 mm.
- ✓ Meter design minimizes the number of wear-able parts – extending product life.
- ✓ Comes with Read Switch as standard, Hall Effect Sensor* optional.
- ✓ Choose from a variety of Output and Display Options.
- ✓ Certificate of Accuracy supplied with meter.

* Hall Effect Sensor requires dedicated power source.

BUY SMART . BUY VALUE . BUY